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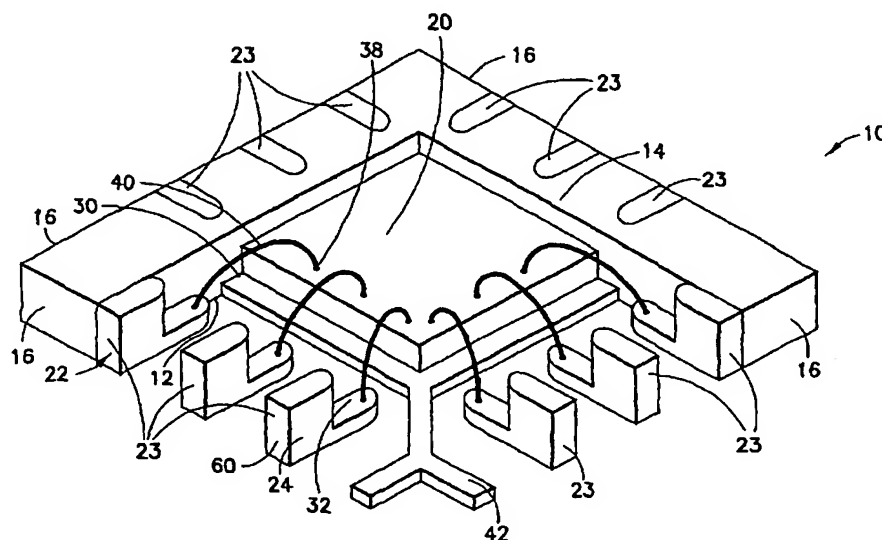
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- (71) Applicant (for all designated States except US): **ADVANCED INTERCONNECT TECHNOLOGIES LIMITED** [MU/MU]; c/o Valmet (Mauritius) Limited, 608 St. James Court, St. Denis Street, Port Louis (MU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **ISLAM, Shafidul** [US/US]; 3829 Lakedale Drive, Plano, TX 75025 (US). **SAN ANTONIO, Romarico, Santos** [PH/ID]; Taman Duta Mas, Block A03-9, Batam Center, Batam Island 29433 (ID).
- (74) Agents: **OLSON, Timothy, J.** et al.; Wiggin and Dana LLP, One Century Tower, P.O. Box 1832, New Haven, CT 06508-1832 (US).
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(54) Title: REVERSIBLE LEADLESS PACKAGE AND METHODS OF MAKING AND USING SAME



(57) Abstract: A semiconductor device package includes an electrically conductive lead frame having a plurality of posts disposed at a perimeter of the package. Each of the posts has a first contact surface disposed at the first package face and a second contact surface disposed at the second package face. The lead frame also includes a plurality of post extensions disposed at the second package face. Each of the post extensions includes a bond site formed on a surface of the post extension opposite the second package face. At least one I/O pads on the semiconductor device is electrically connected to the post extension at the bond site using wirebonding, tape automated bonding, or flip-chip methods. The package can be assembled use a lead frame having pre-formed leads, with or without taping, or it can employ the use of partially etched lead frames. A stack of the semiconductor device packages may be formed.



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